

**Shaw Environmental, Inc.**

5012 Pikes Peak Road  
Ridgeway, Wisconsin 53582  
608-924-6500  
FAX: 608-924-1163

**Shaw®** Shaw Environmental, Inc.

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September 12, 2005

Endangered Species Coordinator  
Missouri Department of Conservation  
P.O. Box 180  
2901 West Truman Boulevard  
Jefferson City, MO 65102-0180

RE: Endangered Species/Natural Communities Request  
1633 Marsh Avenue, Blue Summit, Jackson County, Missouri

Dear Sir or Madam:

Shaw Environmental, Inc (Shaw) is conducting an environmental assessment of the property located at 1633 Marsh Avenue, Blue Summit, Missouri in Jackson County. The site is 1.5 acres in size and near an oxbow lake of the Blue River. Figure 1 provides a Site Location Map. Shaw requests any information the Missouri Natural Heritage Program has regarding endangered or threatened species and natural communities of conservation concern on or near the subject site.

We appreciate your assistance. If you need additional information, please call me at 608-924-6500. Thank you.

Sincerely,

**Shaw Environmental, Inc.**

Laura Tesch  
Senior Risk Assessor

Attachment: Figure 1





# Heritage Review Report

Missouri Department of Conservation

Policy Coordination Unit

P. O. Box 180

Jefferson City, MO 65102

573-522-4115 X 3250 -- Shannon.Cave@mdc.mo.gov

Ms. Laura Tesch  
Shaw Environmental, Inc.  
5012 Pikes Peak Road  
Ridgeway, Wisconsin 53582

**Project type:** Environmental Assessment of Property  
**Location:** 1633 Marsh Avenue, Blue Summit, MO  
**County:** Jackson  
**Date query received:** September 21, 2005

This is not a site clearance letter, but a report of Missouri Department of Conservation records concerning public lands and sensitive resources known to be near and possibly affected by the proposed project.

**Species/habitats with Federal and State concerns:** No Records Found

**Species/habitats with State concerns:** No Records Found

Prepared by:

26-Sep-05

*FEDERAL STATUS is derived from the Endangered Species Act, administered by the U.S. Fish and Wildlife Service. The ESA provides federal protection for plants and animals listed as: E = Endangered, T = Threatened, C = Candidate, PE = Proposed Endangered for Federal listing.*

*STATE STATUS is either blank or E, for "endangered" as defined in the Wildlife Code of Missouri.*

*STATE RANKs refer to species tracked but not listed, S1 = Critically imperiled, S2 = Imperiled, S3 = Rare and uncommon or SE = exotic/invasive species.*

**Concerns & management recommendations** based on site or project details, not related to specific heritage records:

Streams in the area should be protected from soil erosion, water pollution and in-stream activities that modify or diminish aquatic habitats. Best management recommendations relating to streams and rivers may be found at <http://www.mdc.mo.gov/documents/nathis/endangered/streams.pdf>

A **HERITAGE REVIEW** provides information about species and habitats of concern that could be affected by the project. Heritage records note things that were positively identified at some date and time, marked at a location that may be more or less precise. Animals move quickly but plant communities can move also. To say "there is a record" does not mean the species/habitat is still there. To say that "there is no record" does not mean the project may not encounter something. Because of this, reports include information about records near but not necessarily on the project site. Three different kinds of information are provided.

- **FEDERAL Concerns** are species/habitats protected under the Federal Endangered Species Act and that have been known near enough to the project site to warrant consideration. For these, project managers must contact the U.S. Fish and Wildlife Service Ecological Services (101 Park Deville Drive Suite A, Columbia, Missouri 65203-0007; Phone 573-234-2132; Fax 573-234-2181) for consultation.
- **STATE Concerns** are species/habitats known to exist near enough to the project site to warrant concern and protected under the Wildlife Code of Missouri (RSMo 3 CSR 10). "State Endangered Status" is determined by the Missouri Conservation Commission under constitutional authority, with requirements expressed in the Missouri Wildlife Code, rule 3CSR10-4.111. "State Rank" is numeric rank of relative rarity, protected under general provisions of the Wildlife Code but not endangered.
- **"Concerns & management recommendations"** are things for which one might prudently look. There is no specific heritage record, but our knowledge of the surrounding landscape suggests consideration. 93% of Missouri's land is in private ownership, so most sites have never been carefully inspected by conservation professionals

This report is not a site clearance letter. Rather, it provides an indication of whether or not public lands and sensitive resources are known to be (or are likely to be) located close to the proposed project. Incorporating information from our Heritage Database into project plans is an important step that can help reduce unnecessary impacts to Missouri's sensitive natural resources. However, the Heritage Database is only one reference that should be used to evaluate potential adverse impacts. Other types of information, such as wetland and soils maps and on-site inspections or surveys, should be considered. Reviewing current landscape and habitat information and species biological characteristics would additionally ensure that species of conservation concern are appropriately identified and addressed.

Additional information on rare, endangered and watched species may be found at <http://www.mdc.mo.gov/nathis/endangered/>. If you would like printed copies of best management practices cited as internet URLs, please contact us.